

Chapter 4 Quiz Review

Name _____

1) List the ordered pair for each point on the coordinate plane. Also, state which quadrant it is located in.

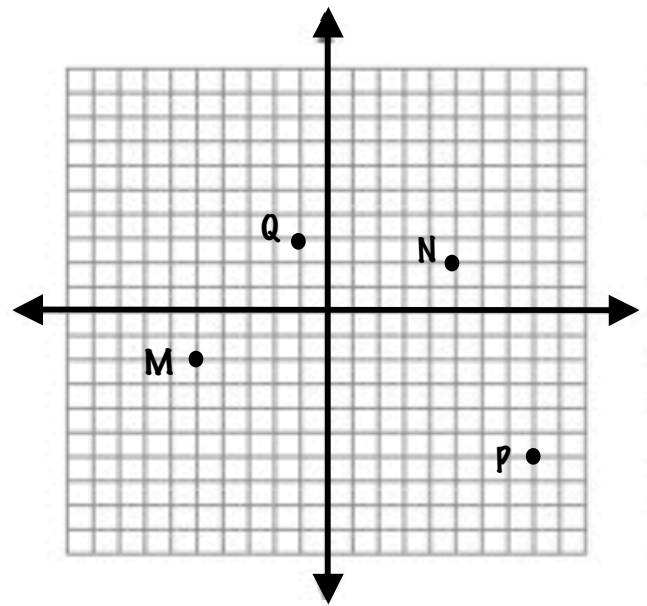
Point Ordered Pair Quadrant

M

N

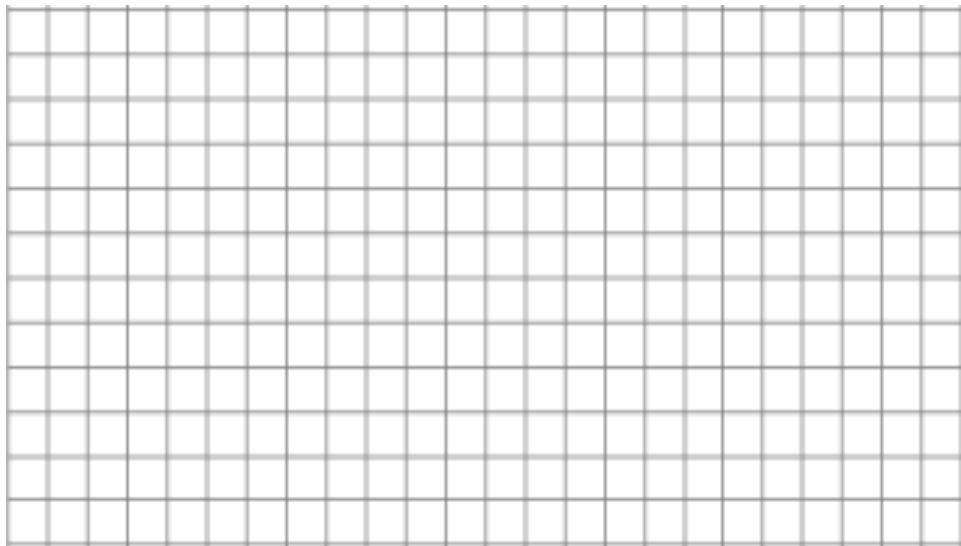
P

Q



2) Make a scatter plot of the given data. Put Minutes Studied on the x-axis.

# Mins. Studied	20	45	60	80	90	100	120
Grade (%)	80	87	92	93	95	96	98



2B) Use your graph to predict the grade for a person who studied for 70 minutes.

Determine whether the given ordered pair is a solution to the given equation.

3) $(-2, 8)$ $2y - 4x = 8$

4) $(1, 3)$ $4x - y = 1$

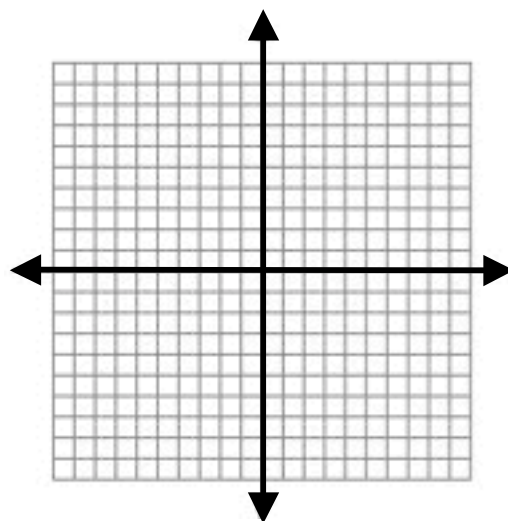
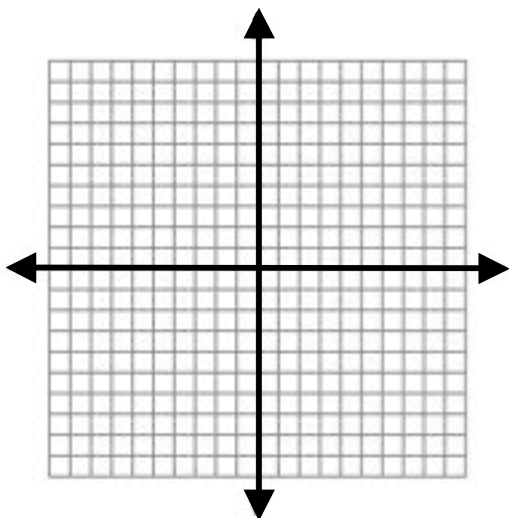
Graph each equation using X-Y Tables. Show all work!

5) $y = -2x + 4$

X	Y
-2	
0	
2	

6) $2x - y = 3$

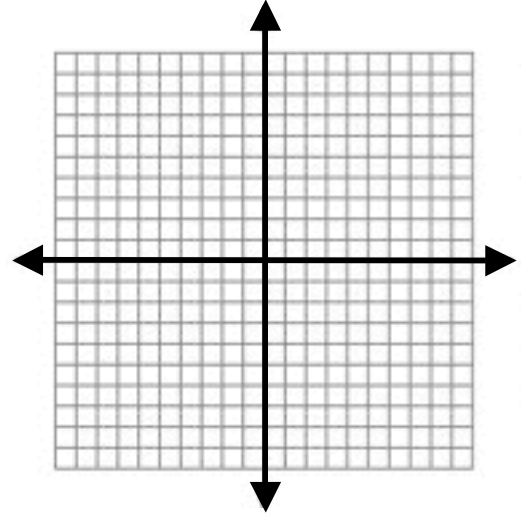
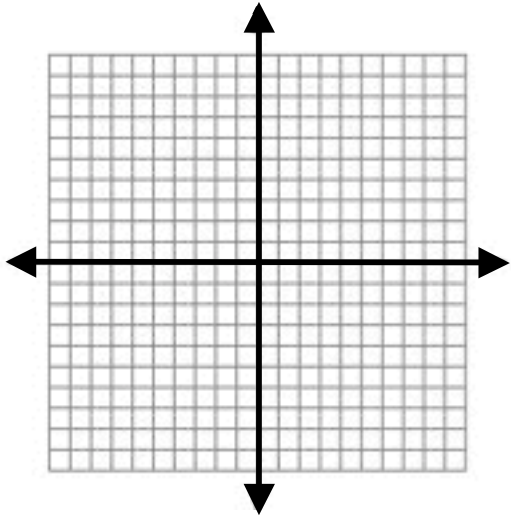
X	Y
-2	
0	
2	



Calculate the X & Y Intercepts for each equation. Then complete the graph.

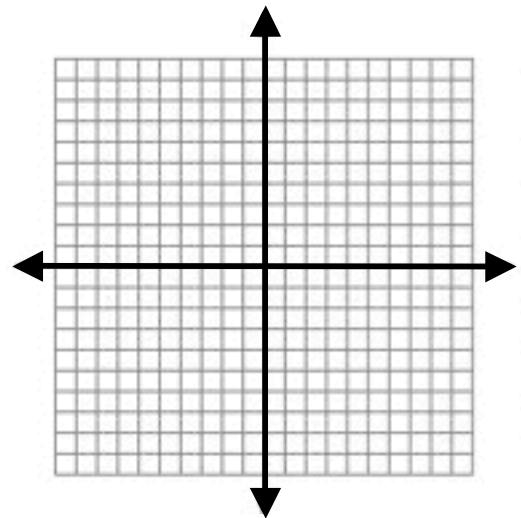
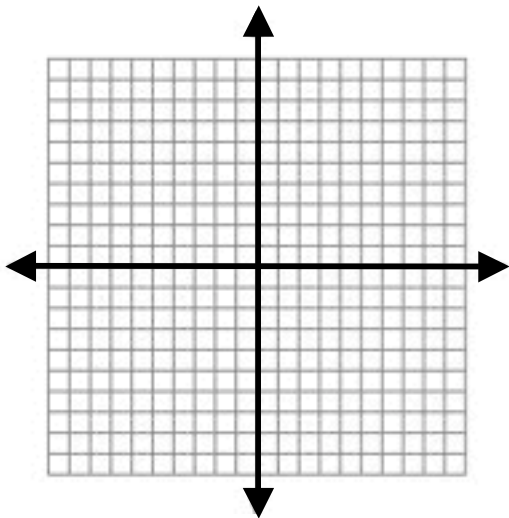
7) $5y = 5x + 15$

8) $y - 2x = 3$



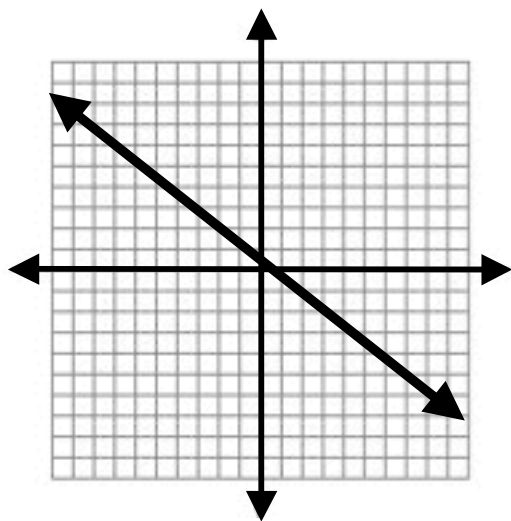
9) $y = -6 + 2x$

10) $3y = 6x + 3$

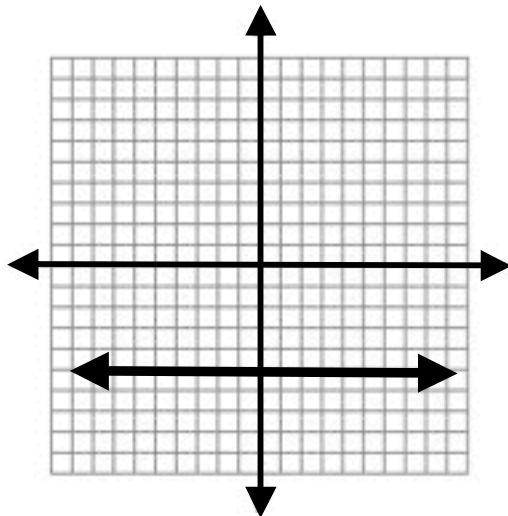


Tell whether the slope of each line is positive, negative, zero or undefined.

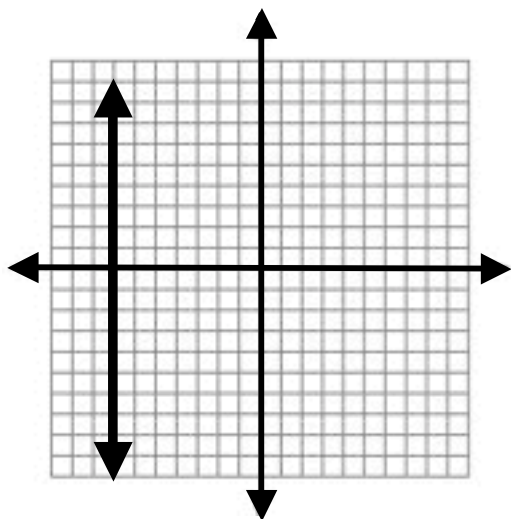
11)



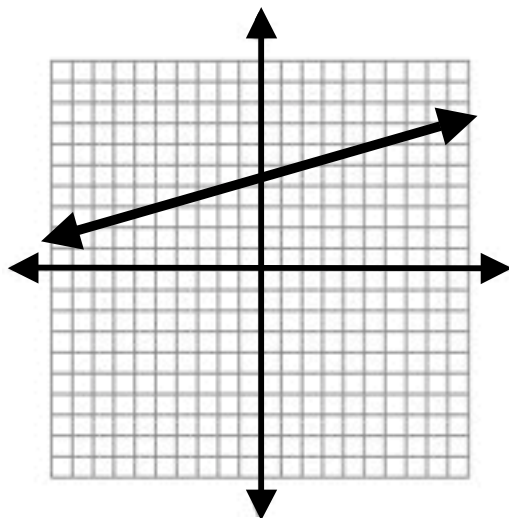
12)



13)

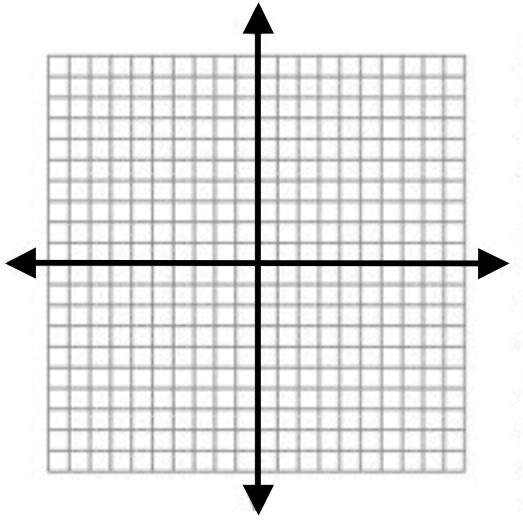


14)

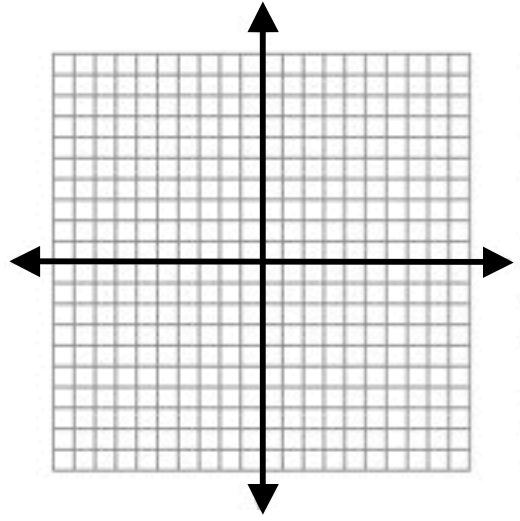


Graph the ordered pairs then find the slope visually.

15) $(-2, 1)$ & $(1, -3)$



16) $(3, 6)$ & $(3, 0)$



Find the slope of the line that passes through the given points. Calculate the slope mathematically.

17) $(0, 6)$ & $(8, 0)$

18) $(-1, -1)$ & $(-3, -6)$

19) $(5, -2)$ & $(-12, -2)$

20) $(6, -2)$ & $(6, -12)$